UNIVERSITI TEKNOLOGI MARA

PLYOMETRIC AND STRENGTH TRAINING OF SPEED TEST IN HOCKEY PLAYERS

$\mathbf{B}\mathbf{y}$

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DECLARATION OF ORIGINAL WORK

BACHELOR OF SPORT SCIENCE

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This work has not previously been accepted in substances of any degree, locally or overseas and is not being concurrently submitted for any other degrees.

This project paper is the result of my independent work and investigation, except where otherwise stated, I absolve Universiti Teknologi Mara (UiTM) and Faculty of Sport Science and Recreation from any blames as result of my work

All verbatim extracts have been distinguishes by quotations marks and sources of my information have been specifically acknowledged.

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ABSTRACT

Cronin and Hansen (2005) for many sporting activities, initial speed rather than

maximal speed would be considered of greater importance successful performance.

The purpose of this study was to identify the best training regime to enhance speed

performance. The subjects were randomly separate into two groups which is

plyometric group (N=12) and strength group (N=12). Both of the groups were

performed the exercise within two times per week lasting eight weeks. The results of

paired sample T-Test shown at the Sig. (2-tailed) which stated that 30-meter dash

for plyometric (p=0.134), and strength (p=0.193). It shown that p>0.05 and also

stated that there is no significant between both training. For 60-meter dash for

plyometric (p=0.260), it also stated that there no significant while for strength

(p=0.085), it shown that p<0.05 and also stated that there is a significant effect of

plyometric and strength training of speed test among hockey players. This are been

shown that 60-meter strength training have a significant effects on speed test in

hockey players.

Keywords: Plyometric training, Strength training, Speed

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